

L7 ANSWER 38 OF 41 CAPLUS COPYRIGHT 2008 ACS on STN

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TI Resins for fluidized-bed coating

PA Polymer Corp.

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DT Patent

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	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	GB 947764		19640129	GB 1960-6646	19600225
PRAI	US		19590313		

AB To 60 parts medium-mol.-weight poly(vinyl chloride) were added epoxidized soybean fatty acids 8.25, Benzoflex 9-88 (dipropylene glycol benzoate) 19.59, and a dispersion (24) of plasticizer and stabilizer prepared by mixing 4 parts of a mixture of Ba-Cd soap 1.5, epoxy chelating agent 0.75, Paraplex G-62 1.75 with 20 parts of a 70:30 mixture of TiO<sub>2</sub> and Paraplex G-62. The final mixture contains 59 parts by weight of plasticizer per 100 parts of poly(vinyl chloride) resin. This formulation was blended by a "sweat-in" technique at 220°F. until dry, intensively milled at 300°F. for 15 min., and pulverized to pass a 50-mesh screen by grinding in the presence of liquid N at -50°F. The resulting powder, when used in the fluidized-bed coating technique, gave excellent results.